

**From:** Jim Barrett  
**To:** TBertch@sandiego.gov  
**Date:** 9/10/2007 8:51:26 AM  
**Subject:** Fwd: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

Tim - FYI.. jim

Jim Barrett, P.E.  
Director, Water Department  
City of San Diego  
600 "B" Street, Suite 1300, MS 913  
San Diego, CA 92101-4588  
O: 619.533.7555  
F: 619.533.7593  
jbarrett@sandiego.gov

**CC:** RHaas@sandiego.gov, RHawk@sandiego.gov

**From:** Rob Hawk  
**To:** JFisher@sandiego.gov; RPalmucci@sandiego.gov  
**Date:** 9/10/2007 8:40:34 AM  
**Subject:** 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

Additional complaints regarding sewer. Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123  
(858) 573-5011  
(858) 627-3297 (Fax)  
rhawk@sandiego.gov

Working Together to Engineer a Better Tomorrow

**CC:** AOskoui@sandiego.gov; Greenhalgh, Darren; HRuhi@sandiego.gov;  
JBarrett@sandiego.gov

**From:** <yluza@aol.com>  
**To:** <rhawk@sandiego.gov>  
**Date:** 9/9/2007 1:57:13 AM  
**Subject:** Soledad Mountain Rd. La Jolla

September 9, 2007

Mr. Hawk,

My husband and I spoke to you briefly when you were here a few days ago. You said we could keep you informed on how our street is doing. We, and many of our neighbors, continue to be very concerned because the "patch" in the road appears to be sinking in. And also because at the time of the sewer rupture we had a terrible sewage smell in our bathroom. We had a couple of plumbers check it out but they found nothing wrong with the installation. As soon as the sewer was repaired the smell disappeared but now it is here again and we fear it may be another sewer break.

Thank you for your concern.

Yolanda Braunagel

---

Email and AIM finally together. You've gotta check out free AOL Mail! -  
<http://mail.aol.com>

**From:** "Afshin Oskoui" <AOskoui@SanDiego.gov>  
**To:** <RHawk@sandiego.gov>, <JFisher@sandiego.gov>  
**Date:** 9/10/2007 9:08:01 AM  
**Subject:** RE: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

Rob, can you follow up w/ metro as well. Chris Toth should be breifed on this asap. Since both hossein and I are out, please call Dave Jarrell and breif him as to where we stand. Thx, Afshin

-----Original Message-----

From: "Rob Hawk" RHawk@sandiego.gov  
To: JFisher@sandiego.gov  
Cc: AOskoui@sandiego.gov; DGreenhalgh@sandiego.gov; HRuhi@sandiego.gov;  
JBarrett@sandiego.gov  
Sent: 9/10/07 8:40 AM  
Subject: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

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[Message delivered by NotifyLink]

**CC:** <DJarrell@sandiego.gov>, <AOskoui@sandiego.gov>, <DGreenhalgh@sandiego.gov>,  
<HRuhi@sandiego.gov>, <JBarrett@sandiego.gov>

**From:** Rob Hawk  
**To:** Oskoui, Afshin  
**Date:** 9/10/2007 12:32:52 PM  
**Subject:** RE: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

Will do. Rob

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
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[rhawk@sanidiego.gov](mailto:rhawk@sanidiego.gov)

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>>> "Afshin Oskoui" <[AOSkoui@SanDiego.gov](mailto:AOSkoui@SanDiego.gov)> 9/10/07 9:07 AM >>>

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Cc: [AOSkoui@sanidiego.gov](mailto:AOSkoui@sanidiego.gov); [DGreenhalgh@sanidiego.gov](mailto:DGreenhalgh@sanidiego.gov); [HRuhi@sanidiego.gov](mailto:HRuhi@sanidiego.gov);  
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[Message delivered by NotifyLink]

**CC:** Barrett, Jim; Fisher, Jim; Greenhalgh, Darren; Jarrell, David; Ruhi, Hossein; Toth, Christopher

**Jim Barrett - RE: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication**

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**From:** Christopher Toth  
**To:** Hawk, Rob; Oskoui, Afshin  
**Date:** 9/10/2007 1:36 PM  
**Subject:** RE: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication  
**CC:** Barrett, Jim; Bertch, Tim; Fisher, Jim; Greenhalgh, Darren; Jarrell, David; Ruhi, Hossein

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our MWWWD staff investigated this matter this morning (9/10) and determined that the bad sewer odor is coming from the residence's internal plumbing system. The city sewer mains in this area are clear and running free. Please let me know if you have any additional questions or concerns regarding this matter. thanks, Chris

Chris Toth  
Deputy MWWWD Director, WWCD  
City of San Diego  
9150 Topaz Way  
San Diego, CA 92123  
Phone: 1-858-654-4161  
Fax: 1-858-654-4139  
cell phone: 1-619-990-4718  
email: [CToth@SanDiego.gov](mailto:CToth@SanDiego.gov)

>>> Rob Hawk 9/10/2007 12:32 PM >>>  
Will do. Rob

Robert N. Hawk, PE  
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To: [JFisher@sandiego.gov](mailto:JFisher@sandiego.gov)  
Cc: [AOSkoui@sandiego.gov](mailto:AOSkoui@sandiego.gov) ; [DGreenhalgh@sandiego.gov](mailto:DGreenhalgh@sandiego.gov) ; [HRuhi@sandiego.gov](mailto:HRuhi@sandiego.gov) ; [JBarrett@sandiego.gov](mailto:JBarrett@sandiego.gov)  
Sent: 9/10/07 8:40 AM

Subject: 5735 Soledad Mtn. Rd. concerns/Attorney-Client communication

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[Message delivered by NotifyLink]

**From:** Jim Fisher  
**To:** Christopher Toth; Rob Hawk  
**Date:** 9/10/2007 3:12:53 PM  
**Subject:** Re: 5735 Soledad Mtn Rd

Rob, This raises a question about any sewage leakage into the slope and potentially contributing to the slope movement and/or negative impacts on the water system. Jim

>>> Christopher Toth 9/10/2007 2:55 PM >>>

based on earlier email requests today, WWCD staff went to 5735 Soledad Mtn Rd and there only could discover bad sewer odors coming from a bathroom plumbing fixture within the residence. WWCD CCTV footage also exists from the recent past (7/26/2007) wherein WWCD crews televised the sewer main in front of this property. Review of this recent CCTV file shows that the sewer lateral leading from the property is completely filled with roots as it approaches the sewer main.

The property owner needs to be contacted and apprised of this matter. Following our City Council Policy 400-10, the property owner needs to clear the property sewer lateral so that it flows freely. Should a licensed plumber or licensed drain cleaner perform this work, the licensed entity will file a plumber's report if it believes there are any structural problems with the property's sewer lateral on the public street side of the sewer lateral. The property owner is responsible for clearing the sewer lateral completely, regardless of which side of the street a sewer lateral blockage exists.

The large root mass within the sewer lateral is the likely cause of bad sewer odors within the residence, since sewage cannot easily flow from the property to the city sewer main. The city would like to coordinate with a licensed plumber involved in cleaning the sewer lateral so that city forces can trap any large root masses that leave the sewer lateral and potentially could block the downstream public sewer.

Please let me know if you want me or other MWWWD employees to contact the property owner regarding this issue. thanks, Chris

Chris Toth  
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9150 Topaz Way  
San Diego, CA 92123  
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Fax: 1-858-654-4139  
cell phone: 1-619-990-4718  
email: CToth@SanDiego.gov

**CC:** Alex Ruiz; David Jarrell; Jim Barrett; Ray Palmucci; Stan Medina; Tim Bertch



## **Jim Fisher - Fwd: 5735 Soledad Mtn Rd**

---

**From:** Jim Fisher  
**To:** Stan Medina  
**Date:** 9/10/2007 3:14 PM  
**Subject:** Fwd: 5735 Soledad Mtn Rd

---

Stan, Look to see where this is relative to the problems we have been having. If there is potential for sewage leakage into the soil we may need to take additional precautionary efforts in the repair of any leaks. Jim

>>> Christopher Toth 9/10/2007 2:55 PM >>>

based on earlier email requests today, WWCD staff went to 5735 Soledad Mtn Rd and there only could discover bad sewer odors coming from a bathroom plumbing fixture within the residence. WWCD CCTV footage also exists from the recent past (7/26/2007) wherein WWCD crews televised the sewer main in front of this property. Review of this recent CCTV file shows that the sewer lateral leading from the property is completely filled with roots as it approaches the sewer main.

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Please let me know if you want me or other MWWD employees to contact the property owner regarding this issue. thanks, Chris

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**From:** Rob Hawk  
**To:** yluza@aol.com  
**Date:** 9/10/2007 4:01:49 PM  
**Subject:** Fwd: 5735 Soledad Mtn Rd

Yolanda: Please see the email from Metropolitan Waste Water (MWWWD) regarding your sewer lateral and potential causes of the problems you mentioned with odor. As suggested below, please contact MWWWD with further questions, and please let MWWWD staff and me know if you have further problems.

Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
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>>> Christopher Toth 9/10/07 2:55 PM >>>

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CC: Toth, Christopher

**From:** Rob Hawk  
**To:** Fisher, Jim  
**Date:** 9/10/2007 4:09:55 PM  
**Subject:** Re: 5735 Soledad Mtn Rd

That is true, but which came first? If it turns out that sewer leaked first, do they get the lead? who makes that call? I hope that all of this is just readjustment and that an equilibrium condition will return to the slope. Rob

>>> Jim Fisher 9/10/07 3:12 PM >>>

Rob, This raises a question about any sewage leakage into the slope and potentially contributing to the slope movement and/or negative impacts on the water system. Jim

>>> Christopher Toth 9/10/2007 2:55 PM >>>

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**From:** Afshin Oskoui  
**To:** Alex Ruiz; Jim Barrett; Jim Fisher; Ray Palmucci; Rob Hawk  
**Date:** 9/14/2007 1:38:43 PM  
**Subject:** Re: Soledad Mtn Road

Rob, After your visit, if not an urgent situation, please schedule a mtg on Monday and/or Tuesday w/ all involved to see what progress has been made, and what next steps we may need to follow. Thanks,  
Afshin

>>> Rob Hawk 09/14/2007 1:32 PM >>>

We have a new leak on the 5700 block according to Mr. Crabbe (5703). I spoke with Johnny Mitchell and he said he would attend to it. I'm headed up there now to see if anything new is going on.  
Rob Hawk

>>> Alex Ruiz 8/6/07 10:35 AM >>>

We have crews on site and will provide an update as soon as they can investigate the additional cracking... Our Construction Manager (Johnny Mitchell) is also responding to the scene...

Rob: Can you provide additional inspection of the "new cracks"?

Alex

(619) 533-6692  
Assistant Director  
Water Department

>>> Thyme Curtis 8/6/2007 9:58 AM >>>

Hello,

Tom Crab just called and said there are new cracks in Soledad Mtn Road, as of today, that seems to indicate a much larger problem and is worried that a major problem needs to be averted.

There are new cracks at 5725 Soledad Mtn. Road, and the ground is sinking. Mr. Crab said that there is a lot of water from the leak, and that crews are working on the leak right now, though the street is cracking very badly "as we speak" and SDG&E has vented the street to prevent an explosion, as there is a gas leak. He was very concerned, I told him I would immediately email his concerns to the proper people.

Thank you,

Thyme

Thyme Curtis  
Council Representative  
Councilmember Kevin Faulconer, Second District  
(619) 236-7351 (phone)  
(619) 236-6996 (fax)

Disclosure: This email is public information. Correspondence to and from this email address is recorded and may be viewed by third parties and the public upon request.

>>> Richard Haas 7/19/2007 11:26:42 AM >>>

Hi Thyme,

Jim Barrett, the Director of the Water Department, is researching this problem and is planning to call Mr. Crab back.

Jim or Alex Ruiz (Assistant Director) will send you an e-mail and let you know the summary of their discussions.

Rich

>>> Thyme Curtis 7/19/2007 10:34 AM >>>

Hi Rich,

A constituent named Tom Crab (619.997.4359, 5703 Soledad Mtn Road) just called and is very concerned about Soledad Mtn Road, specifically in front of 5715 Soledad Mtn Road. He said that the street has been sinking and cracking for the past few months, and back in March 2007 he reported a crack in the street that was subsequently patched. Last night a pipe cracked and is currently being fixed by city crews, but Mr. Crab believes something more is going on underneath the street, that it is sinking or moving. He's hoping a geologist or engineer can take a look before something major happens.

Thanks,

Thyme

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**CC:** David Jarrell; Hossein Ruhi; Richard Haas

**From:** "Jim Fisher" <JFisher@san-diego.gov>  
**To:** <Hruhi@san-diego.gov>, <RHawk@san-diego.gov>, <JBarrett@san-diego.gov>, <JFisher@san-diego.gov>, <RuizA@san-diego.gov>, <RPalmucci@san-diego.gov>, <SMedina@san-diego.gov>, <JMeda@san-diego.gov>  
**Date:** 9/14/2007 3:11:15 PM  
**Subject:** RE: Soledad Mtn Road

Hossien, I have spoken to Stan Medina and he will make sure it is fixed today. Jim

-----Original Message-----

**From:** "Hossein Ruhi" Hruhi@san-diego.gov  
**To:** RHawk@san-diego.gov; JBarrett@san-diego.gov; JFisher@san-diego.gov; RuizA@san-diego.gov; RPalmucci@san-diego.gov  
**Cc:** AOskoui@san-diego.gov; RHaas@san-diego.gov  
**Sent:** 9/14/07 2:58 PM  
**Subject:** Re: Soledad Mtn Road

I have left a phone message for John Mitchell that it is urgent to fix this water leak as soon as possible it can not wait until tomorrow as Rob informed me that the crack on the street is growing wider. Jim Fisher is out of the office, any body from water dept. receiving this e-mail PLS help and get a crew there to fix the leak. I have asked Rob to keep an eye on the situation over the weekend. thanks

lh>>> Rob Hawk 09/14/2007 1:32 PM >>>

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[Message delivered by NotifyLink]

CC: <AOskoui@sandiego.gov>, <RHaas@sandiego.gov>



**From:** Rob Hawk  
**To:** Barranon, William  
**Date:** September 14, 2007 3:49:49 PM  
**Subject:** Re: Combo Senior for Soledad Mtn Rd.

Thank you for the fast response; I don't think I'll need to call, but I'd rather be overprepared. My cell is 619-980-7161; home: 619-287-4992

Rob

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
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9485 Aero Drive San Diego, CA 92123  
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(858) 627-3297 (Fax)  
rhawk@sandiego.gov

Working Together to Engineer a Better Tomorrow

>>> William Barranon 9/14/07 3:32:54 PM >>>  
Good Day,

Greg Mulvey is the Senior Combination Inspector assigned to this area. His cell number is 619-980-2887 and home number is 858-484-3406. He is aware that he should respond to emergency calls from you or other City staff.

As a back up, George Lockfort can be reached at (cell) 619-990-2146 (He keeps his cell phone on during the weekend.)

Also, here's my info; Cell 619-980-2816; Home 619-422-2380

Thanks

William Barrañón  
Chief Combination Inspector  
Division of Building & Safety  
\*\*We Seek To Improve All We Do.\*\*  
wbarranon@sandiego.gov 619-980-2816

**CC:** Ahmadi, Afsane; Harris, Joe

**Richard Haas - Re: Soledad Mtn Road**

---

**From:** Alex Ruiz  
**To:** Hossein Ruhi; Jim Barrett; Jim Fisher; Ray Palmucci; Rob Hawk; Stan Medina  
**Date:** 9/14/2007 4:11 PM  
**Subject:** Re: Soledad Mtn Road  
**CC:** Afshin Oskoui; Richard Haas

---

Confirmed that or crews are on it today.. e

Alex

(619) 533-6692  
Assistant Director  
Water Department

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There are new cracks at 5725 Soledad Mtn. Road, and the ground is sinking. Mr. Crab said that there is a lot of water from the leak, and that crews are working on the leak right now, though the street is cracking very badly

"as we speak" and SDG&E has vented the street to prevent an explosion, as there is a gas leak. He was very concerned, I told him I would immediately email his concerns to the proper people.

Thank you,

Thyme

Thyme Curtis  
Council Representative  
Councilmember Kevin Faulconer, Second District  
(619) 236-7351 (phone)  
(619) 236-6996 (fax)

Disclosure: This email is public information. Correspondence to and from this email address is recorded and may be viewed by third parties and the public upon request.

>>> Richard Haas 7/19/2007 11:26:42 AM >>>  
Hi Thyme,

Jim Barrett, the Director of the Water Department, is researching this problem and is planning to call Mr. Crab back.

Jim or Alex Ruiz (Assistant Director) will send you an e-mail and let you know the summary of their discussions.

Rich

>>> Thyme Curtis 7/19/2007 10:34 AM >>>  
Hi Rich,

A constituent named Tom Crab (619.997.4359, 5703 Soledad Mtn Road) just called and is very concerned about Soledad Mtn Road, specifically in front of 5715 Soledad Mtn Road. He said that the street has been sinking and cracking for the past few months, and back in March 2007 he reported a crack in the street that was subsequently patched. Last night a pipe cracked and is currently being fixed by city crews, but Mr. Crab believes something more is going on underneath the street, that it is sinking or moving. He's hoping a geologist or engineer can take a look before something major happens.

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**From:** Rob Hawk  
**To:** Barrett, Jim; Conf 600B 8 8A; Fisher, Jim; Hawk, Rob; Oskoui, Afshin; Palmucci, Ray; Ruiz, Alex  
**Date:** 9/17/2007  
**Time:** 10:00:00 AM - 10:30:00 AM  
**Subject:** Soledad Mtn Road  
**Place:** Conf 600B 8 8A

Meet to discuss possible action plans to protect public and private improvements.

Recent observations suggest additional distress to improvements. I understand that Water has a crew that will repair the water line tonight, and I will visit the site over the weekend. Except for Dave Jarrell, this was the only opportunity in the near future to capture most of the people involved. I've invited Chris Toth from Sewer also in case he wants to attend, although recent filming of the main did not reveal any damage.

Rob Hawk  
cell: 619-980-7161

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123  
(858) 573-5011  
(858) 627-3297 (Fax)  
rhawk@sandiego.gov

Working Together to Engineer a Better Tomorrow

>>> Afshin Oskoui 9/14/07 1:38:27 PM >>>

Rob, After your visit, if not an urgent situation, please schedule a mtg on Monday and/or Tuesday w/ all involved to see what progress has been made, and what next steps we may need to follow. Thanks, Afshin

>>> Rob Hawk 09/14/2007 1:32 PM >>>

We have a new leak on the 5700 block according to Mr. Crabbe (5703). I spoke with Johnny Mitchell and he said he would attend to it. I'm headed up there now to see if anything new is going on.  
Rob Hawk

>>> Alex Ruiz 8/6/07 10:35 AM >>>

We have crews on site and will provide an update as soon as they can investigate the additional cracking... Our Construction Manager (Johnny Mitchell) is also responding to the scene...

Rob: Can you provide additional inspection of the "new cracks"?

Alex

(619) 533-6692  
Assistant Director  
Water Department

>>> Thyme Curtis 8/6/2007 9:58 AM >>>

Hello,

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**CC:** Haas, Richard; Jarrell, David; Ruhi, Hossein; Toth, Christopher

**From:** Rob Hawk  
**To:** Nabong, James  
**Date:** September 17, 2007 8:55:12 AM  
**Subject:** Re: Draft Outline

I'll be happy to go through the draft this week and solicit input from the rest of the geology group. I don't know Werner Landry's timeline on the whole guideline, but perhaps he can respond to that part. We can also get input from Tom Langpap & Mark Catlin who have been very active with the County's effort. If necessary, we can get this section into a condition for use with LID projects under the City Engineer in drainage and grades as an addendum to the current Technical Guideline for Geotechnical Reports, much like we did for pile inspection rather than wait for the new guideline to be completely vetted by the industry.

Rob Hawk

>>> James Nabong 9/17/07 8:14 AM >>>  
Rob

Attached, in outline form, is first-cut draft of the stand-alone geotechnical guidelines for storm water infiltration. I don't want to lose much time in negotiating format changes before getting some useful comments on the content. I would be willing to discuss a few options for coordinating the geology section's input, including: a quick turnaround of comments on this outline so that Greg can compile a full text version, followed up by workshop forum; or have a workshop sooner, with this draft outline and the additional content presented in looser form.

When will you be putting the geotechnical manual out to geotech community for comments? I would like to time the completion of internal review of the infiltration guidelines such that they can be included.

Jim

**CC:** Haimann, Richard; Landry, Werner; Lindsay, Stephen; Rollins, Gregory C; Zirkle, Chris

**From:** Stan Medina  
**To:** Jim Fisher  
**Date:** 9/17/2007 3:51:05 PM  
**Subject:** Soledad Mt. Rd. Info

see attached:



The purpose of this letter is to inform you that the City of San Diego will be installing above ground piping ("highline") to provide water service to your property beginning on September ??, 2007. At that time, the Water Department will isolate and depressurize (turn-off) the existing underground water main.

The purpose of this action is to minimize any potential damage to the existing water mains due to slope subsidence in the 5700 block of Soledad Mt. Rd. Past subsidence in the area has resulted in damage to the underground water pipelines and we are taking this action in an effort to protect the infrastructure from further damage. Until the areas of subsidence are successfully stabilized, the City will utilize the highline water main to provide reliable water service for your property and other properties that depend upon the subject main.

**From:** Rob Hawk  
**To:** Batta, Jamal  
**Date:** Mon, Sep 17, 2007 3:46 PM  
**Subject:** Re: Soledad mtn rd

the problem is on soledad road, but extends to the alley but not across it. Want to meet there tomorrow?  
Rob

>>> Jamal Batta 9/17/07 3:44:44 PM >>>

Thanks Rob. Is the problem on Soledad Mtn Road or down below on the alley?

=====  
=====

>>> Rob Hawk 9/17/2007 2:20 PM >>>

Approximate location of affected homes. Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
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(858) 573-5011  
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[rhawk@sandiego.gov](mailto:rhawk@sandiego.gov)

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**CC:** Handal, Michael

## Richard Haas - Re: Soledad Mt. Rd. Water Line

---

**From:** Richard Haas  
**To:** Afshin Oskoui; Jim Fisher  
**Date:** 9/17/2007 4:06 PM  
**Subject:** Re: Soledad Mt. Rd. Water Line  
**CC:** Alex Ruiz; David Jarrell; Hossein Ruhi; Jaymie Bradford; Jim Barrett; Job Nelson; Mark Mercer; Ray Palmucci; Rob Hawk

---

Thank you both. We need to work with Jaymie Bradford (the Mayor's Office) so District One is informed as to our plan **before** the letters go out.

Thanks again. Rich

>>> Jim Fisher 9/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

## **Jim Barrett - Soledad Mt. Rd. Water Line**

---

**From:** Jim Fisher  
**To:** Afshin Oskoui  
**Date:** 9/17/2007 4:03 PM  
**Subject:** Soledad Mt. Rd. Water Line  
**CC:** Alex Ruiz; David Jarrell; Hossein Ruhi; Jim Barrett; Mark Mercer; Ray Palmucci; Richard Haas; Rob Hawk

---

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

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If you have any questions, please let me know. Thanks Jim

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**From:** Rob Hawk  
**To:** Fisher, Jim; Haas, Richard; Jarrell, David; Mercer, Mark; Oskoui, Afshin; Palmucci, Ray; Ruhi, Hossein; Ruiz, Alex  
**Date:** 9/17/2007 3:52:25 PM  
**Subject:** 5700 Soledad Mtn Road/Draft meeting minutes/attorney-client communication

Meeting of 9/17/07

Rob Hawk  
Hossein Ruhi  
Rich Haas  
Afshin Oskoui  
Mark Mercer  
Alex Ruiz  
Jim Fischer

Discussion of main points included urgency of action to stop water from utilities and precipitation from entering subsurface upslope of the distressed area, and retaining a geotechnical consultant to determine cause of earth movement and provide repair recommendations.

Action items:

- Water Department considering feasibility main can be valved off and services highlined in and around affected area. Fire Department to be consulted about coverage with loss of hydrant on Soledad Mtn Rd and Desert View Drive alley
- Waste Water to be notified to address potential leaks in laterals
- Geotechnical consultant to be retained by Risk Management, managed by ECP
- SDG&E to be contacted regarding protecting their laterals
- ECP Survey to set monitoring points on Soledad Mtn. Rd. to evaluate movement
- ECP to draft letter to homeowners regarding soil movement and City activities with language provided by Water Department and concurrence from their advisory Deputy City Attorney
- Meeting to be scheduled every two weeks to evaluate progress
- Jim Cauldren, Tom Zelany, Peter Yee, Mario Sierra & Tim Bertch to be added to meeting attendees and briefed on issues

If I have omitted or mistated any of the discussion topics, please let me know for correction.

Thanks,

Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123

(858) 573-5011  
(858) 627-3297 (Fax)  
rhawk@sandiego.gov

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**CC:** Bertch, Tim; Sierra, Mario; Toth, Christopher; Yee, Peter; Zeleny, Thomas

**From:** Rob Hawk  
**To:** Batta, Jamal; Handal, Michael; Schrotberger, Danny  
**Date:** Mon, Sep 17, 2007 4:19 PM  
**Subject:** Re: Fwd: site visit pictures

I was there yesterday. I can explain what you see in the alley. See you at 9:30 AM Tuesday.

Rob

>>> Michael Handal 9/17/07 4:14:06 PM >>>

Hi;

Please see pictures taken today at the following locations 5715 Soledad Mountain Rd & 5734 Desert View Dr.

Michael

>>> Verena Castaneda 9/17/2007 3:32 PM >>>



**From:** Jamal Batta  
**To:** Greg Bych  
**Date:** Mon, Sep 17, 2007 4:57 PM  
**Subject:** Soledad Mtn Road

Greg:

Who is involved with this project from RM? I would like to know so we can meet and exchange notes.

Thanks, jamal

**CC:** Michael Handal

**From:** Greg Bych  
**To:** JBatta@sandiego.gov  
**Date:** Mon, Sep 17, 2007 6:15 PM  
**Subject:** Re: Soledad Mtn Road

Jamal,

Right now it's strictly a funding issue - there are no claims and no clear city liability yet. However, I have alerted our Claims Manager, Peter Yee, and our Supervising Analyst, Joseph Walker. You can start by contacting Peter to provide him whatever info you have. Thx.

>>> Jamal Batta 09/17/07 4:57 PM >>>

Greg:

Who is involved with this project from RM? I would like to know so we can meet and exchange notes.

Thanks, jamal

**CC:** JWalker@sandiego.gov, PYee@sandiego.gov

**From:** Rob Hawk  
**To:** Bertch, Tim; Toth, Christopher  
**Date:** 9/17/2007 4:11:57 PM  
**Subject:** Fwd: Re: 5700 Soledad Mtn Road/Draft meeting minutes/attorney-client communication

Thanks. Rob Hawk

>>> Tim Bertch 9/17/07 4:03:32 PM >>>  
Rob,

Please include Chris in all relevant discussions/EMail.

Thanks

Tim

Timothy C. Bertch, PhD  
Director, Metropolitan Wastewater  
9192 Topaz Way  
San Diego, CA 92123  
858 292 6401

>>> Richard Haas 9/17/2007 3:59 PM >>>  
Mario & Tim,

I need Streets & MWWWD to be involved in this issue. Your departments are not at fault, but you need to be involved to minimize the potential damage to the private homes.

Rich

>>> Rob Hawk 9/17/2007 3:52 PM >>>  
Meeting of 9/17/07

Rob Hawk  
Hossein Ruhi  
Rich Haas  
Afshin Oskoui  
Mark Mercer  
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Discussion of main points included urgency of action to stop water from utilities and precipitation from entering subsurface upslope of the distressed area, and retaining a geotechnical consultant to determine cause of earth movement and provide repair recommendations.

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Working Together to Engineer a Better Tomorrow

**From:** Rob Hawk  
**To:** Ruhi, Hossein  
**Date:** September 17, 2007 4:25:18 PM  
**Subject:** SDG&E Contact

Hossein: any suggestions who I should contact at SDG&E? Rob

**Jim Fisher - Re: 5700 Soledad Mtn Road/Draft meeting minutes/attorney-client communication**

---

**From:** Alex Ruiz  
**To:** Afshin Oskoui; David Jarrell; Hossein Ruhi; Jim Fisher; Mark Mercer; Ray Palmucci; Richard Haas; Rob Hawk  
**Date:** 9/17/2007 4:40 PM  
**Subject:** Re: 5700 Soledad Mtn Road/Draft meeting minutes/attorney-client communication  
**CC:** Christopher Toth; Mario Sierra; Peter Yee; Thomas Zeleny; Tim Bertch

---

In addition, you may want to include Christopher Toth, DD in Wastewater Collection, in the meeting as his crews maintain the sewer laterals and collection system

Alex

(619) 533-6692  
Assistant Director  
Water Department

>>> Rob Hawk 9/17/2007 3:52 PM >>>  
Meeting of 9/17/07

Rob Hawk  
Hossein Ruhi  
Rich Haas  
Afshin Oskoui  
Mark Mercer  
Alex Ruiz  
Jim Fischer

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Working Together to Engineer a Better Tomorrow

**From:** Afshin Oskoui  
**To:** Dave Zoumaras; Marnell Gibson  
**Date:** Mon, Sep 17, 2007 4:54 PM  
**Subject:** Fwd: 5725 Soledad Mountain Road, San Diego/Attorney-Client communication

fyi, please let me know as soon as you have secured the consultant.

>>> Rob Hawk 09/17/2007 4:23 PM >>>

Geotechnical Consultant's report from one of the homes. Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
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Working Together to Engineer a Better Tomorrow

>>> "Martin R. Owen PE, GE" <[martinowen@geotechengineer.com](mailto:martinowen@geotechengineer.com)> 9/17/07 4:11:46 PM >>>  
Rob,

My inspection report is attached. Please contact me if you have any questions.

Sincerely,

Martin

Martin R. Owen PE, GE

Geotechnical Engineer

Tel: 619-813-8462, Fax: 858-273-1652

Email: [martinowen@geotechengineer.com](mailto:martinowen@geotechengineer.com)

Website: [martinowengeotechengineer.com](http://www.martinowengeotechengineer.com)  
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**Martin R. Owen PE, GE**  
*Geotechnical Engineer*

4730 Noyes Street #402, San Diego, CA 92109  
Tel: 619-813-8462, Fax: 858-273-1652  
Email: martinowen@geotechengineer.com

Job No. 070810  
August 14, 2007

Mr. Brian Burke  
5725 Soledad Mountain Road  
La Jolla, CA 92037

**Subject:      Geotechnical Inspection of Residence  
                 5725 Soledad Mountain Road  
                 La Jolla, CA 92037**

Dear Mr. Burke:

In accordance with your request, the undersigned has performed a geotechnical inspection of the subject residence. My inspection was performed on August 10, 2007. The purpose of the inspection was to evaluate reported building damage.

#### **SITE CONDITIONS**

The property is located in La Jolla, California, at the location shown on the following Vicinity Map. For the purpose of this report, Soledad Mountain Road is assumed to oriented north-south and the front of the residence to face west.

The residence is an approximately 1,800 square feet, one-story, wood frame building with attached garage, constructed in 1970. The residence is supported on stem wall footings with a slab-on-fill floor.

The house is situated on a graded lot. At the rear of the building, a steep slope descends approximately 50 feet to (upper) Desert View Drive. The rear of the building is located approximately 12 feet from the top of the slope. There is an elevated wood deck at the north end of the rear patio area, between the house and slope.

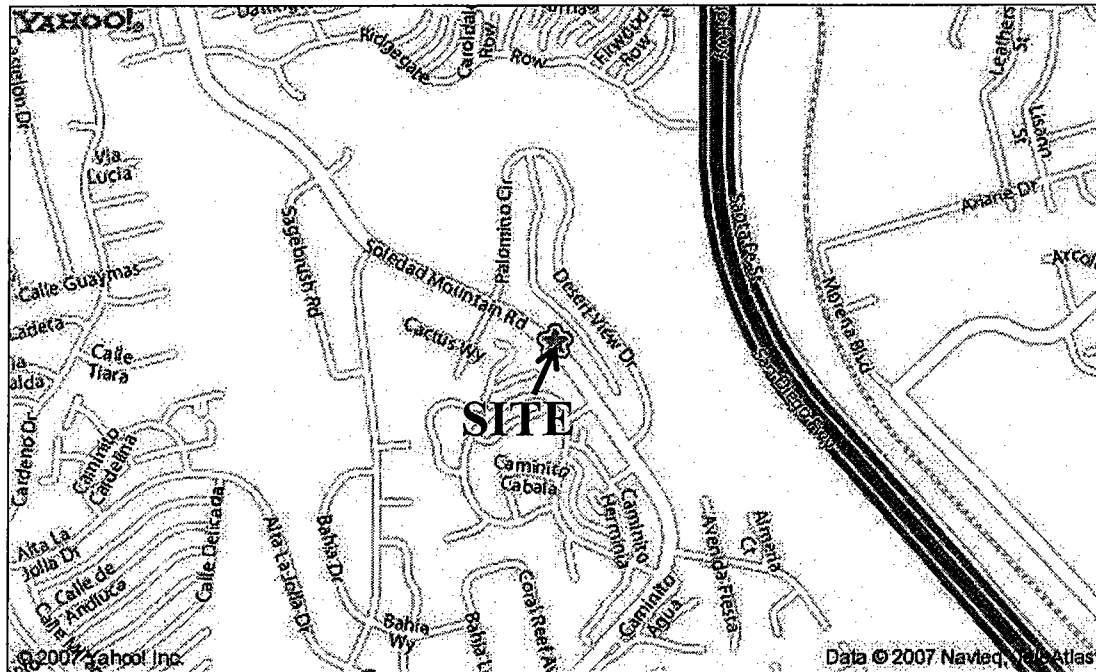
The front yard and concrete driveway slope down to the residence and garage.

#### **RESULTS OF BUILDING AND EXTERIOR INSPECTION**

##### **A. Residence**

1. Minor wall cracking was observed in the northwest corner of the (northerly) front bedroom, located in the southwest portion of the residence.

- ### VICINITY MAP



1. There is a large, horizontal stucco crack at the base of the exterior wall on the north side of the garage, extending roughly the length of the garage. The crack is up to 1-1/2 inches in width near the northwest corner of the garage. The crack pattern suggests that the northwest corner of the garage has heaved approximately 1-1/2 inches and also that the north side of the garage has moved laterally to the east approximately 1 inch. There are also 1/4 to 3/8-inch wide vertical stucco cracks over the garage side door.
2. The garage slab has separated horizontally from the west garage footing (north of the garage door) approximately 1 inch. There is a separation of 1 to 2 inches between the garage slab and the driveway slab.
3. The garage slab is relatively undamaged, with only a few, minor cracks.

**Martin R. Owen PE, GE**  
***Geotechnical Engineer***

### **C. Driveway**

A new section of concrete driveway, roughly 3-feet wide, has been constructed at the base of the driveway, adjacent to the garage, about 3-1/2 years ago. The new slab section is also a swale which slopes to a drain inlet near the northwest corner of the garage. Prior to this time, there was reported, periodic flooding in this area. There is a 1 to 2 inch gap between the new driveway section and the adjacent, older driveway. It is not clear how much of this gap is due to lateral slab movement, or is construction-related. There are minor cracks in the new slab section.

### **D. Rear and Front Patio Areas**

There are no signs of lateral soils movement in the rear, brick patio area. A concrete curb and gutter at the top of the slope appears undamaged. The elevated wood deck appears undamaged. There are minor cracks in the front patio slab.

### **FLOOR LEVEL SURVEY**

As part of my inspection, I performed a floor level survey across the residence (living area) and garage floor slabs using a Technidea Ziplevel.

The results of the survey are shown on the attached Figure 1 and reveal that the living area floor slab has a maximum elevation difference of 3.6 inches. The high point is located at the southwest corner of the house, in the main bedroom. The low point is located near the northeast corner of the residence, in the family room. The overall floor tilt is down to the northeast.

The garage floor slab has an elevation difference of 6.0 inches. The high point is located at the northwest corner of the garage. The low point is located at the southeast corner. The upward slope of the garage slab (towards the garage door) is unusual since garage slabs are normally poured with a downward slope, for drainage purposes.

The living area and garage floor elevation differences are both indicative of soils movement. Normal floor level construction tolerance is about 1 inch.

### **DRAINAGE**

Lot and roof drainage are locally poor. The front of the lot and driveway slope down towards the house and garage, where water can pond and infiltrate beneath foundations.

Previous flooding problems were reported adjacent to the garage. A drain inlet has been installed (along with the new driveway section) adjacent to the northwest corner of the garage. The drain inlet reportedly discharges to the rear slope.

There are no roof gutters on the north and south sides of the residence, and water flows off the roof and land next to footings.

## **SOIL CONDITIONS**

The residence appears to be underlain by fill soils which thicken towards the rear of the lot and residence. The fill thickness is not known. Research of construction soils reports and grading plans at the City of San Diego may reveal useful fill and other subsurface soils information. The surface soils are clayey and expansive.

The floor slab also appears to be supported on slab fill soils placed inside stem wall footings.

## **GEOLOGY AND SEISMICITY**

From geologic maps, the site is underlain by sedimentary bedrock of the Ardath Shale Formation. The Ardath Shale is a relatively weak, claystone formation, susceptible to landsliding. There have been previous landslides within the Ardath Shale on steep slopes in the site vicinity. The 1961 Desert View Drive Landslide occurred a few hundred feet south of the property.

The California Division of Mines and Geology Maps show the site to be within Relative Landslide Susceptibility Area 4-1, which describes slopes as being "most susceptible" to landsliding or slope failures. The City of San Diego Geologic Hazard Maps show the lot to be within Geologic Hazard Area 25, which denotes "Ardath Shale, neutral or favorable structure", relative to landsliding. The overall potential for landsliding and shallow slope instability is in the moderate range. There are no obvious signs of rear slope instability. The slope is well vegetated, which reduces the potential for shallow slope failures and mud flows.

The property is located approximately 1,200 feet (0.2 miles) southeast of the active Rose Canyon Fault. The residence is susceptible to ground shaking and possible damage from earthquakes on this or more distant, active faults.

## **WATER PIPE RUPTURES IN STREET**

At the time of my inspection, the City of San Diego was repairing water pipe ruptures in Soledad Mountain Road, adjacent to and south of the lot. Three water pipe leaks were reported to have occurred in close succession. Cracks have also developed in the street. In addition, a gas line lateral servicing the subject residence ruptured just prior to my inspection, possibly connected to the water pipe ruptures. The City of San Diego's Senior Engineering Geologist, Robert Hawk, PE was present at the time of my inspection to observe the pipe repairs and street and house damage. At this time, it is not clear if there is a connection between the water pipe ruptures and building damage.

## CONCLUSIONS

1. Two types of soils movement appear to have occurred beneath the residence and garage. The living area portion of the residence appears to have experienced downwards soils movement, most likely due to differential settlement of underlying fill soils. The amount and direction of settlement is equivalent to the floor elevation difference shown on the attached Figure 1, Floor Level Survey. The magnitude of differential settlement (3.6 inches) is in the moderate range. However, the associated building damage is relatively minor.
2. The garage appears to have undergone both downwards and upwards soils movement. At the southeast corner, the garage slab has settled approximately 3 inches, along with the rest of this portion of the residence. At the northwest corner, the garage slab has heaved approximately 3 inches, apparently due to soils expansion. The garage slab uplift is in addition to the garage foundation uplift in this area. (Please note, tree root spreading was also considered as a possible source of uplift, but there are no large trees near the northwest corner of the garage.)
3. The driveway slab separations may be construction-related and/or the combined result of soil expansion movement and lateral building movement to the east. Lateral building movement often occurs with differential fill settlement. The chimney/stucco separation is also the result of differential fill settlement.
4. Both fill settlement and expansive soils movement are activated by infiltration of surface water. Rainfall and landscape irrigation are the most likely water sources. In this case, poor surface drainage and water ponding near the front of the garage appear to have resulted in increased water infiltration beneath the garage foundations.
5. Leaking water and/or sewer pipes can also provide another water source. It is not yet clear if there is a connection between the water pipe ruptures in the street and the garage/driveway damage.
6. There are no indications (at this time) of deep-seated landsliding. However, in view of the history of landslide problems in the area, and the recent water pipe ruptures, further site monitoring is advisable.

## RECOMMENDATIONS

1. Because of the large amount of vertical soils/foundation movement (6 inches or more), deep foundation repairs to the residence and garage may be necessary. However, prior to formulating foundation repairs, the residence should be monitored for an additional period of at least 6 months (February 2008) to allow further observation of the residence and garage/driveway. At the end of this period, an additional building inspection should be made. A subsurface soils investigation will also be necessary prior to formulating foundation repairs.

**Martin R. Owen PE, GE**  
**Geotechnical Engineer**

2. In the meantime, Craftsman Foundation Repair has been retained to patch the garage and driveway slab separations with cement, which will reduce water infiltration into the garage foundation soils, and allow slab movement in this area to be more effectively monitored.
3. The surface drain inlet at the front of the garage should be checked to ensure it is operative.

### LIMITATIONS

Please note that I have not reviewed any construction plans or documents as part of this inspection, and have performed no subsurface exploration or soils testing. The above conclusions and recommendations are based on my inspection and experience with other similar properties in San Diego County.

This report provides no warranty, either expressed or implied, concerning future building performance. Future damage from geotechnical or other causes is a possibility.

This opportunity to be of service is appreciated. If you have any questions, please do not hesitate to call or contact me.

Very truly yours,



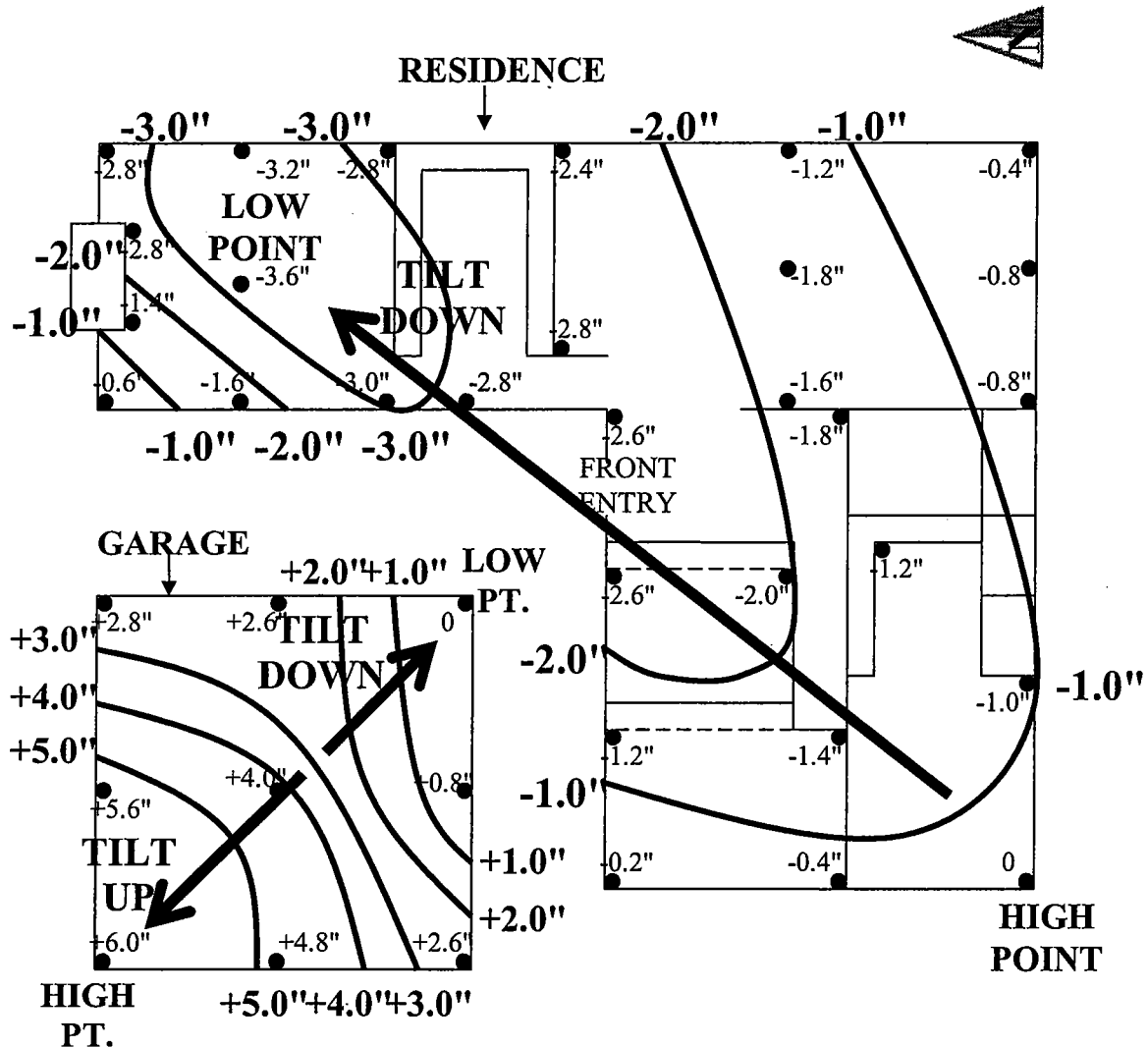
Martin R. Owen PE, GE  
Geotechnical Engineer



Attachment: Figure 1, Floor Level Survey

Martin R. Owen PE, GE  
Geotechnical Engineer

## FIGURE 1 FLOOR LEVEL SURVEY



### LEGEND

- +6.0" • RELATIVE FLOOR SURVEY READINGS IN INCHES
- +5.0" ∪ FLOOR ELEVATION CONTOURS IN INCHES

NOTE: GARAGE SURVEY PERFORMED SEPARATELY. GARAGE IS ATTACHED TO HOUSE.

Martin R. Owen PE, GE  
Geotechnical Engineer

**From:** Afshin Oskoui  
**To:** Richard Haas  
**Date:** Mon, Sep 17, 2007 4:46 PM  
**Subject:** Funding

Rich,

I discussed the background for the Soledad Mtn road w/ Greg. He was going to update Jay, and check w/ him whether we to tap into PLF, or the unappropriated reserve, and get back to me. We are in process of contacting the geotechnical engineers to solicit a contract, and we'll get back to you w/ the name of a consultant as soon as they agree to perform the work.

Afshin

**CC:** Alex Ruiz; Dave Zoumaras; Greg Bych; Hossein Ruhi; Jim Barrett; Jim Fisher



**From:** Afshin Oskoui  
**To:** Jim Fisher  
**Date:** 9/17/2007 5:07:10 PM  
**Subject:** Re: Soledad Mt. Rd. Water Line

Thanks Jim.

>>> Jim Fisher 09/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

**From:** Afshin Oskoui  
**To:** Rob Hawk  
**Date:** Mon, Sep 17, 2007 5:13 PM  
**Subject:** Fwd: Soledad Mt. Rd. Water Line

Rob, can you add an introductory section to set the stage on what we are going to initiate in the area leading to the water's high lining exercise. I believe Dave was going to talk to Jamaal Batta, and assign him the project management responsibilities. I'll see which PIO we want to use as the contact person, may want to go with Carol Drummond who already have a hotline for our Utilities Undergrounding program. Thanks, Afshin

>>> Jim Fisher 09/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

**CC:** Dave Zoumaras; Hossein Ruhi; Marnell Gibson

The purpose of this letter is to inform you that the City of San Diego will be installing above ground piping ("highline") to provide water service to your property beginning on September ??, 2007. At that time, the Water Department will isolate and depressurize (turn-off) the existing underground water main.

The purpose of this action is to minimize any potential damage to the existing water mains due to slope subsidence in the 5700 block of Soledad Mt. Rd. Past subsidence in the area has resulted in damage to the underground water pipelines and we are taking this action in an effort to protect the infrastructure from further damage. Until the areas of subsidence are successfully stabilized, the City will utilize the highline water main to provide reliable water service for your property and other properties that depend upon the subject main.

**From:** Dave Zoumaras  
**To:** Afshin Oskoui; Marnell Gibson  
**Date:** Mon, Sep 17, 2007 5:19 PM  
**Subject:** Re: Fwd: 5725 Soledad Mountain Road, San Diego/Attorney-Client communication

Please include Jamal in all future emails as he is now the Engineering Project Manager.

Thanks...Zoom.

>>> Afshin Oskoui 09/17/2007 4:54:29 PM >>>  
fyi, please let me know as soon as you have secured the consultant.

>>> Rob Hawk 09/17/2007 4:23 PM >>>  
Geotechnical Consultant's report from one of the homes. Rob Hawk

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123  
(858) 573-5011  
(858) 627-3297 (Fax)  
[rhawk@sanidiego.gov](mailto:rhawk@sanidiego.gov)

Working Together to Engineer a Better Tomorrow

>>> "Martin R. Owen PE, GE" <[martinowen@geotechengineer.com](mailto:martinowen@geotechengineer.com)> 9/17/07 4:11:46 PM >>>  
Rob,

My inspection report is attached. Please contact me if you have any questions.

Sincerely,

Martin

Martin R. Owen PE, GE

Geotechnical Engineer

Tel: 619-813-8462, Fax: 858-273-1652

Email: [martinowen@geotechengineer.com](mailto:martinowen@geotechengineer.com)

Website: [martinowengeotechengineer.com](http://www.martinowengeotechengineer.com)  
<<http://www.martinowengeotechengineer.com/>>

**CC:** Jamal Batta

**From:** Dave Zoumaras  
**To:** Afshin Oskoui; Rob Hawk  
**Date:** Mon, Sep 17, 2007 5:22 PM  
**Subject:** Re: Fwd: Soledad Mt. Rd. Water Line

Hi Rob,  
Jamal is now the Engineering Project Manager so please work closely with him on issues/activities related to this.

Thanks...Zoom.

>>> Afshin Oskoui 09/17/2007 5:13:36 PM >>>

Rob, can you add an introductory section to set the stage on what we are going to initiate in the area leading to the water's high lining exercise. I believe Dave was going to talk to Jamaal Batta, and assign him the project management responsibilities. I'll see which PIO we want to use as the contact person, may want to go with Carol Drummond who already have a hotline for our Utilities Undergrounding program. Thanks, Afshin

>>> Jim Fisher 09/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

**CC:** Hossein Ruhi; Marnell Gibson

**From:** Rob Hawk  
**To:** DZoumaras@sandiego.gov,AOskoui@sandiego.gov  
**Date:** Mon, Sep 17, 2007 9:08 PM  
**Subject:** Re: Fwd: Soledad Mt. Rd. Water Line

Dave: I am meeting Jamal tomorrow at 9:30 on-site so we can discuss. I briefed the Building Official, Afsaneh Ahmadi, today in case something unanticipated happens. Should I include you & Marnel in the email distribution? Or just bc you for info?

Rob

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123  
(858) 573-5011  
(858) 627-3297 (Fax)  
rhawk@sandiego.gov

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>>> Dave Zoumaras 09/17/07 5:22 PM >>>

Hi Rob,

Jamal is now the Engineering Project Manager so please work closely with him on issues/activities related to this.

Thanks...Zoom.

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Rob, can you add an introductory section to set the stage on what we are going to initiate in the area leading to the water's high lining exercise. I believe Dave was going to talk to Jamaal Batta, and assign him the project management responsibilities. I'll see which PIO we want to use as the contact person, may want to go with Carol Drummond who already have a hotline for our Utilities Undergrounding program. Thanks, Afshin

>>> Jim Fisher 09/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

**CC:** HRuhi@sandiego.gov,MGibson@sandiego.gov

**From:** Rob Hawk  
**To:** AOskoui@sandiego.gov  
**Date:** Mon, Sep 17, 2007 9:09 PM  
**Subject:** Re: Fwd: Soledad Mt. Rd. Water Line

I'll get to it tomorrow morning. rob

Robert N. Hawk, PE  
Senior Engineering Geologist/Deputy City Engineer  
City of San Diego, Engineering and Capital Projects  
Field Engineering Division, MS 18  
9485 Aero Drive San Diego, CA 92123  
(858) 573-5011  
(858) 627-3297 (Fax)  
rhawk@sandiego.gov

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>>> Jim Fisher 09/17/2007 4:03 PM >>>

Afshin, We have reviewed the water system for the Soledad Mtn Rd area and will be able to remove the main from service. Our plan is to perform two cut & plugs to physically separate the main in the impacted area and highline approximately 10 homes. In addition, we will contact the Fire Department to determine the location and number of hydrants needed for fire protection.

Attached is some language that can be included in the letter to the homeowners. We will be ready to perform this work next week, once the letter has gone out. Please let me know when the letter is sent so that we can schedule the work.

If you have any questions, please let me know. Thanks Jim

**CC:** DZoumaras@sandiego.gov, HRuhi@sandiego.gov, MGibson@sandiego.gov